

2. (Currently Amended) The apparatus of claim 1, further comprising at least one buffer for temporarily storing the liquid crystal display panel conveyed [buffing a time difference] between the injecting apparatus and the sealing apparatus.

3. (Currently Amended) The apparatus of claim 1, further comprising a seal-confirming unit for confirming a seal state of the liquid crystal display panel.

4. (Currently Amended) The apparatus of claim 1, wherein the injecting apparatus includes:
a loader for loading the liquid crystal display panel;
a pre-heater for heating the liquid crystal display panel;
a vacuum unit for causing an interior of the liquid crystal display panel to be in a vacuum state; and
an injector for injecting liquid crystal into the liquid crystal display panel.

5. (Currently Amended) The apparatus of claim 4, wherein the pre-heater includes:
a first pre-heater for activating contaminants of the liquid crystal; and
a second pre-heater for heating the liquid crystal display panel.

6. (Currently Amended) The apparatus of claim 4, wherein the injector includes;
a first injector for placing the liquid crystal display panel in an atmospheric state; and
a second injector for injecting liquid crystal into the liquid crystal display panel.

7. (Currently Amended) The apparatus of claim 1, wherein the residual liquid crystal remover includes:
a liquid crystal removing unit for removing the contaminated liquid crystal; and
a vacuum line for evacuating the contaminated liquid crystal.

8. (Currently Amended) The apparatus of claim 7, wherein the vacuum line is provided at a rear side of the liquid crystal removing unit.

9. (Currently Amended) The apparatus of claim 1, wherein the sealer includes:
a roller for sealing the liquid crystal injection hole;
a sealant box filled with a sealant; and
a leveler for maintaining a thickness of the sealant.

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10. (Currently Amended) A method of injecting and sealing a liquid crystal display panel comprising:

conveying a plurality of liquid crystal display panels each having a liquid crystal injection hole from an injecting apparatus to a sealing apparatus; [and]

removing contaminated liquid crystal at a periphery of each liquid crystal injection hole;

sealing [and hardening] the liquid crystal injection holes of the liquid crystal display panels with a sealant using a roller; and

hardening the sealant by irradiating a ultraviolet ray.

11. (Original) The method of claim 10, wherein said sealing includes sealing the injection holes in a downward state.

12. (Currently Amended) The method of claim 10, wherein the injecting apparatus includes:

a loader for loading the liquid crystal display panels;

a pre-heater for heating the liquid crystal display panels;

a vacuum unit for causing an interior of the liquid crystal display panel to be in a vacuum state; and

an injector for injecting liquid crystal into the liquid crystal display panels.

13. (Currently Amended) The method of claim 10, [wherein] further comprising, prior to the sealing, [apparatus includes:

a buffer buffering] temporarily storing the liquid crystal display panels between the injecting apparatus and the sealing apparatus[;

a residual liquid crystal remover removing contaminated liquid crystal at a periphery of liquid crystal injection hole;

a sealer sealing liquid crystal injection hole with a sealant; and

an ultraviolet irradiating unit hardening the sealant].

14. (Original) The method of claim [13] 10, wherein the contaminated liquid crystal is removed by an N₂ blow system.

15. (Original) The method of claim [13] 10, wherein the contaminated liquid crystal is removed by a vacuum system.

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